



Single & Multi Bag Filter Systems for Liquid Filtration



Overview

- Bag filters are used for the clarification/filtration of fluids that have a relatively high loading of particles to be removed where Absolute filtration is not required.
- They are particularly Useful For Filtering Large Volume Of High Viscosity Liquids
- Bag Filter is Constructed Of Filter Housing , Filter Bags , Internal cage to support Bags , Positive Sealing arrangement , & Choice Of End Connection
- The Internal Support ensures bags will not burst as High Differential Pressures Build Up During Operation
- For applications with a flow rate greater than 50 m³/h it is possible to install several filter vessels in line, with the option of operating each filter individually thanks to a shut-off valve. This type of installation is preferred when flow interruption is not possible or when filtering with a cascade of filtration ratings.
- Filter housings each containing 3 to 24 bags. All bags must be changed at the same time while operating with high-volume batches.

Features & Benefits

- High performance with Filtration rating from 1 to 200 Micron.
- Good for viscous fluid filtration with High flow rates & Low pressure drop.
- High dirt holding capacity & Broad chemical compatibility.
- Positive sealing arrangement with choice of materials.
- FDA & NSF Compliance.
- A wire mesh can also be utilized with bag baskets for two advantages:
 - (1) Fibre migration is minimized.
 - (2) In the unlikely event of bag rupture, the wire mesh holds the contaminant.

Application

- Processing Chemicals, Resins, Petroleum Derivatives,
- Water – (Pharmaceutical water, Highly purified water, DM water, DI water)
- Food industry
- Paints & inks
- waxes, Vegetable Oils
- Cutting Oils & coolant, Cleaning Fluids
- Automobiles

Specification

- Housing MOC : SS 304, SS 316, SS 316L, Carbon Steel, Mild Steel, Polypropylene, Lead Lining - Rubber Lining PTFE Lining, UPVC
- Filter Media MOC : Polypropylene, Polyester, Nylon, PTFE, Viscose, Polyamides, felts and woven wool
- Size : 4" OD, 7" OD available in 10", 16", 20", 32" & 40" lengths
- Micron Rating : 1, 5, 10, 25, 50, 75, 100, 150 & Customise....
- End connection : Collar Type, Snap Band Type, Ring Type